

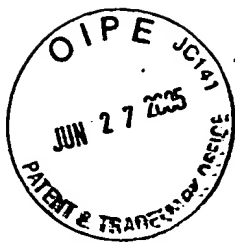
TFW 2682  
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>	Application Number	09/848,441	
	Filing Date	May 3, 2001	
	First Named Inventor	Sandeep Singhal	
	Group Art Unit Number	2682	
	Examiner Name	Minh D. Dao	
Total Number of Pages in This Submission	9	Attorney Docket Number	20423-10012

ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Declaration <input type="checkbox"/> Power of Attorney <input type="checkbox"/> Application Data Sheet <input checked="" type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input type="checkbox"/> Copies of IDS Cited References <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Request for Correction of Recorded Assignment <input type="checkbox"/> Amendment/Response: [ ] Page(s) <input type="checkbox"/> After Final <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Chief Draftsperson <input type="checkbox"/> Formal Drawing(s): [ ] Sheet(s) of Figure(s) [ ] <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Statement Under 37 CFR 3.73(b) _____ _____ _____ _____ _____ _____
REMARKS:	

SIGNATURE OF ATTORNEY OR AGENT			
Signature:	/Neil F. Maloney, Reg. No. 42,833/		
Attorney/Reg. No.:	Neil F. Maloney, Reg. 42,833	Dated:	June 23, 2005

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
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**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

APPLICANT(S): Sandeep K. Singhal, et al.  
APPLICATION NO.: 09/848,441  
FILING DATE: May 3, 2001  
TITLE: LOCATION-AWARE SERVICE PROXIES IN A SHORT-  
RANGE WIRELESS ENVIRONMENT  
EXAMINER: Minh D. Dao  
GROUP ART UNIT: 2682  
ATTY. DKT. NO.: 20423-10012

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Dated: 6-23-05

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Nubia Morad

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**INFORMATION DISCLOSURE STATEMENT**

**Under 37 CFR §§ 1.56 and 1.97-98**

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

06/28/2005 MBELETE1 00000058 09848441

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This Information Disclosure Statement is being filed:

**PATENT**

- ☐ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☒ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
  - ☒ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
  - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
    - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
  - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;

- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND
- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(d); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☒ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. 09/637,742, filed on August 11, 2000, and of prior application 09/657,745, filed on September 8, 2000, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☐ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37-CFR § 1.704(d).
- ☐ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

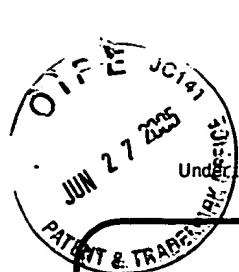
Consideration of the listed references and favorable action are solicited.

Respectfully submitted,  
SANDEEP SINGHAL, ET AL.

Dated: June 23, 2005

By: /Neil F. Maloney, Reg. No. 42,833/  
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20423/10012/DOCS/1538597.1



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application No.	09/848,441
Filing Date	May 3, 2001
First Named Inventor	Sandeep Singhal
Art Unit	2682
Examiner Name	Minh D. Dao
Attorney Docket Number	20423-10012

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-2002/0035699 A1	03-21-2002	Crosbie, David
		US-2002/0160806 A1	10-31-2002	Arazi, Nitzan, et al.
		US-6,351,646	02-26-2002	Jellema, et al.
		US-6,249,252	06-19-2001	Dupray, Dennis
		US-20010044305 A1	11-22-2001	Reddy, Joseph, et al.
		US-5,752,193	05-12-1998	Scholefield, Christopher, et al.
		US 5,751,704	05-12-1998	Kostic, Zoran, et al.
		US 5,737,318	04-07-1998	Melnik, George

**FOREIGN PATENT DOCUMENTS**

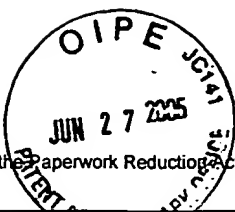
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		WO 0106734 A2	01-25-2001	Xu Yingchun, et al.	
		WO 0128185 A1	04-19-2001	Lila Madour, et al.	
		WO 01/58177 A2	08-09-2001	Orange Personal Communication	
		WO 00/69186	11-16-2000	A. Smolentzov, et al.	
		EP 1139632 A2	10-04-2001	Yusuke Kinoshita, et al.	
		EP 0917328 A2	05-19-1999	Rai Girish	
		EP 0944203 A2	09-22-1999	Matti Turunen	
		EP 0851633 A2	07-01-1998	H. Moelard, et al.	
		EP 0589522 A1	03-30-1994	J. van Engelshoven	
		EP 0740440 A2	10-30-1996	H. Moelard	
		EP 0483551 A2	05-06-1992	C. Harrison	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



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PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>	
				Application No.	09/848,441
				Filing Date	May 3, 2001
				First Named Inventor	Sandeep Singhal
				Art Unit	2682
				Examiner Name	Minh D. Dao
Sheet	2	of	2	Attorney Docket Number	20423-10012

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
		AZIZ, A. et al, "Privacy and Authentication for Wireless Local Area Networks: A Secure Communications Protocol to Prevent Unauthorized Access", IEEE Personal Communications, IEEE Communications Society. US. vol. 1, no. 1, 1994. pp. 25-31, XP000460718, ISSN: 1070-9916	
		BHARGHAVAN, V., "Secure Wireless LANs", 2nd ACM Conference on Computer and Communications Security, 2 November 1994, pp. 10 - 17, XP002155490	
		GlobeCom '93., IEEE Houston, TX, USA, 29 Nov. - 2 Dec. 1993, New York, NY, USA, IEEE, 29 November 1993, pp. 550-554, XP010109722, ISBN: 0-7803-09 17-0	
		HAARTSEN, J., "Bluetooth: Vision, Goals, and Architecture", Mobile Computing and Communications Review, ACM, New York, NY, US, vol. 2, no. 4, 1 October 1998, pp. 38-45, XP000784002	
		HUNG-YU, LIN et al., "Authentication in Wireless Communications", Global Telecommunication Conference, 1993, including a Communications Theory Mini-Conference. Technical Program Conference Record, IEEE in Houston, TX, USA	
		JUE, J. P., et al., "Design and analysis of replicated servers to support IP-host mobility in enterprise networks", COMMUNICATIONS, 1997. ICC '97 MONTREAL, QUE., CANADA 8-12 June 1997, New York, NY, USA, IEEE, US, 8 June 1997, pp. 1256-1260, XP010226957 ISBN: 0-7803-3925-8	
		SRISURESH P., et al., 'IP Network Address Translator (NAT) Terminology and Considerations', XP-002204216, Request for Comments 2663, published by The Internet Society, August 1999	
		"3Com Introduces Industry's First Layer 3 Wireless LAN Security Solution", published at <a href="http://www.3com.com/news/releases/pr00/jul0500a.html">http://www.3com.com/news/releases/pr00/jul0500a.html</a> , Jul. 5, 2000, Santa Clara, CA	
		SNOEREN, A. et al., "An End-to-End Approach to Host Mobility," 6 <sup>th</sup> ACM/IEEE International Conference on Mobile Computing and Networking (Mobicom '00), August 2000, Boston, MA.	

20423/10012/DOCS/1538429.1

Examiner Signature	Date Considered
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.